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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

January 21, 1977

Mr. Brad Clark  
Atlas Minerals, Division  
of Atlas Corporation  
Big Indian Mines  
Moab, Utah 84532

Re: Mining and Reclamation Plans for  
Locust-Spider Mine -- ACT/037/008 ✓  
Windfall Mine -- ACT/037/010  
Standard #2 Mine -- ACT/037/011  
Pandora Mine -- ACT/037/012

Dear Brad:

Included herewith are our further requirements for inclusion into the reclamation plans for the above named mines. We expect that you will re-submit the plans over the notarized signature of the authorized officer of Atlas.

LOCUST-SPIDER MINE

- (1) In this area we anticipate that the seeding plan might produce somewhat better results if it were changed to the following mixture:

Intermediate wheatgrass	4 lb/ac
Crested wheatgrass	4 lb/ac
Russian wildrye	3 lb/ac
Fourwing saltbush	1 lb/ac
Indian ricegrass	1 lb/ac
Yellow sweetclover	1 lb/ac
	<hr/> 14 lb/ac

- (2) Make some provision for drainage of water from the working pad.
- (3) When an attachment is enclosed with the plan, it would be a good idea to identify the attachment (i.e. Attachment A) then refer to the same attachment on the MR 2.

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WINDFALL MINE

In addition to the three (3) revisions listed under the Locust-Spider Mine, we offer:

- (4) In the plan you ~~referred~~ <sup>referred</sup> to an expansion of the existing waste rock dumps, apparently this is an oversight, because actually the new waste rock dump will be noncontiguous with the old dumps.

STANDARD #2 MINE

The same three (3) revisions as called for under Locust-Spider, plus,

- (4) We will need the number of the State Mineral Lease involved. We will check to see if a bond is presently being held for this lease by the State Lands Board then determine surety accordingly. You will not be double bonded if there is already a bond on this lease.

PANDORA MINE

The three (3) recommended revisions should be included here as well.

- (4) The plan calls for the access road to remain open to the operation, we assume that this is the road which actually passes the operation. Further, we assume that upon cessation of the mining work on this operation the road grades which cross the seasonal drainages will be removed along with the culverts to provide for a free-flowing wash. This will prevent the culverts from becoming blocked with debris and reduce the possibility of temporary water impoundment.

Please let us know if you have any questions on these additional stipulations for the reclamation plans.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

RONALD W. DANIELS, COORDINATOR  
OF MINED LAND DEVELOPMENT

RWD/lc